

Page 1 of 3

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071949-4102		SERIAL NO. 09/712,615		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT BUECHLER et al.		GROUP ART UNIT 1641		
				FILING DATE November 13, 2000				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
LVC		4,435,504	03/84	Zuk et al.	435	7		
		5,447,689	09/95	Gibboni et al.	422	56		
		5,712,172	04/95	Huang et al.	436	518		
		4,099,886	07/78	Oliveira	356	244		
		4,200,690	04/80	Root et al.	435	7		
LVC		4,391,904	07/83	Litman	435	7		
		4,435,504	03/84	Zuk et al.	435	7		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
LVC		95/08772	03/95	WO/PCT				
		96/05476	02/96	WO/PCT				
		0153283A1	08/85	EP				
LVC		97/09678	03/97	WO/PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
LVC		Borrebaeck, "Antibody Engineering: A Practical Approach", Oxford University Press, 1995.						
		A.W. Oshi, "Matrixes and Tensors in Physics", 2 nd Edition.						
		C.P. Tsokos, "Probability Distributors: An Introduction to Probability Theory with Applications", 1972.						
		Harlow et al., "Antibodies, A Laboratory Manual", Cold Spring Harbor Lab, 1988.						
LVC		Huse et al., "Application of a Filamentous Phage pVIII Fusion Protein System Suitable for Efficient Production, Screening, and Mutagenesis of F(ab) Antibody Fragments", J. Immunol., 1459:3914-3920, 1992.						
EXAMINER <i>Olisa. K Cook</i>				DATE CONSIDERED 10/29/03				
<ul style="list-style-type: none"> EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant. 								

Page 2 of 3

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071949-4102		SERIAL NO. 09/712,615	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT BUECHLER et al.			
				FILING DATE November 13, 2000		GROUP ART UNIT 1641	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
LVC		4,472,353	09/84	Moore	422	58	
		4,533,829	08/85	Litman et al.	435	7	
		4,540,659	09/85	Litman et al.	435	7	
		4,541,987	09/85	Guadagno	422	56	
		4,558,013	12/85	Marinkovich et al.	436	513	
		4,549,121	03/87	Ismail et al.	436	14	
		4,843,000	06/89	Litman et al.	435	7	
		4,849,338	07/89	Litman et al.	435	7	
		4,857,453	08/89	Ullman et al.	435	7	
		4,983,468	140/90	Olson	435	7	
		5,028,535	07/91	Buechler et al.	435	7.1	
		5,053,199	10/91	Keiser et al.	422	68.1	
LVC		5,073,484	12/91	Swanson et al.	435	7.92	
		5,089,391	02/92	Buechler et al.	435	7.1	
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
LVC		"Recommendation Absorption and covalent Coupling Procedures", Microparticle Reagent Optimization, Seradyn Inc., P. 91-97.					
LVC		Pierce Chemical Company Catalogue, p. Tieboard 1/92 Uniform Latex Particles, "Working with Particles", Seradyn Inc., pp. 31-40.					
EXAMINER Lisa R. Cook				DATE CONSIDERED 10/29/03			
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</p>							

Page 2 of 3

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 071949-4102		SERIAL NO. 09/712,615		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT BUECHLER et al.		GROUP ART UNIT 1841		
				FILING DATE November 13, 2000				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
LVC		5,096,837	03/92	Fan et al.	436	514	X	
		5,331,109	07/94	Buechler	530	404		
		5,342,759	08/94	Litman et al.	435	7.92		
		5,458,852	10/95	Beuchler	422	58		
		5,635,364	06/97	Clerk et al.	435	7.92		
		5,654,162	08/97	Litman et al.	435	7.92		
		4,168,146	09/79	Grubb et al.	23	230		
		4,084,647	06/78	Deutsch et al.	23	253		
		4,205,058	05/80	Wagner et al.	424	1		
LVC		4,299,688	11/81	Kallies	435	14		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER <i>Oliver J. Cook</i>				DATE CONSIDERED <i>10/29/03</i>				
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</p>								